

Iowa Crops & Weather



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HARVEST SLOWED BY RAIN SHOWERS

Agricultural Summary: Corn did not dry down much this week with periodic rain and snow. Producers report they are waiting for the remaining corn to dry naturally before harvesting. Soybean harvest is nearing completion. Tillage, fertilizer, and manure applications were common activities during the week.

There were 3.6 **days suitable for fieldwork** last week. **Topsoil moisture** rated 2 percent very short, 15 percent short, 76 percent adequate, and 7 percent surplus. **Subsoil moisture** rated 6 percent very short, 25 percent short, 66 percent adequate, and 3 percent surplus statewide.

Field Crops Report: **Corn harvest** reached 48 percent, 9 percentage points behind last year but just 1 percentage point behind normal. The **percent moisture of field corn** was 19 percent, equal to the five-year average and slightly higher than last year's 17 percent. **Harvest corn percent moisture** was 17 percent, again, equal to the five-year average and 1 percentage point above normal. **Corn condition** was reported as 2 percent very poor, 5 percent poor, 20 percent fair, 50 percent good, and 23 percent excellent, a small decline from last week. **Corn lodging** rated 58 percent none, 23 percent light, 14 percent moderate, and 5 percent heavy. **Corn ear droppage** rated 74 percent none, 17 percent light, and 7 percent moderate and 2 percent heavy. **Soybean harvest** was 91 percent complete, 5 days behind last year but equal to the five-year average. **Soybeans lodging** rated 80 percent none, 17 percent light and 3 percent moderate. **Soybeans shattering** was rated at 79 percent none, 18 percent light, and 3 percent moderate.

Fall fertilizer application was 15 percent complete statewide. **Grain movement** from farm to elevator was rated 18 percent none, 26 percent light, 35 percent moderate, and 21 percent heavy. **Off-farm grain storage availability** rated 22 percent short, 75 percent adequate, and 3 percent surplus. **On-farm grain storage availability** rated 26 percent short, 71 percent adequate, and 3 percent surplus. **Hay and roughage availability** rated 9 percent short, 79 percent

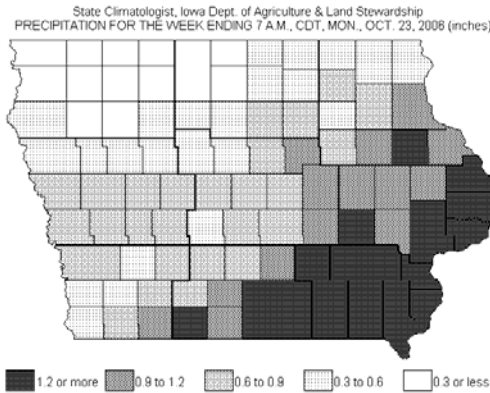
adequate, and 12 percent surplus. **Utilization of stubble fields for grazing** rated 52 percent none, 31 percent limited, 14 percent moderate, and 3 percent extensive.

Livestock, Pasture and Range Report: **Pasture and range** rated 3 percent very poor, 13 percent poor, 35 percent fair, 42 percent good, and 7 percent excellent. Some cows and calves are out on stubble fields.

IOWA PRELIMINARY WEATHER SUMMARY

It was a cool and wet week across Iowa. Three storm systems kept fields soggy this past week. The first affected all but far northwest Iowa on Monday (16th) into Tuesday (17th) morning with rainfall amounts up to 1.14 inches at Clinton Airport. The second system brought precipitation statewide on Wednesday (18th) with an inch or two of snow in the far northwest and rainfall amounts to 0.67 inches at Lake Rathbun. The final storm moved into southwest Iowa late Friday (20th) and dampened all but far northern Iowa on Saturday (21st) with Mount Ayr receiving the most rainfall with 1.20 inches. Weekly precipitation totals varied from 0.15 inches at Spencer to 2.27 inches at Lake Rathbun. The statewide average precipitation was 0.81 inches or about 50% greater than the weekly normal of 0.53 inches.

Temperatures averaged slightly above normal on Monday (16th) and Tuesday (17th) with highs in the 50's northwest to low 60's southeast. Unseasonably cold weather prevailed on Wednesday (18th) and Thursday (19th) with daytime highs mostly in the 40's. Temperatures moderated briefly on Friday (20th) with highs in the low 50's to low 60's. However, the weather turned much colder again for the weekend with highs only in the upper 30's to lower 40's by Sunday (22nd). Temperature extremes for the week ranged from a Friday (20th) afternoon high of 66 degrees at Shenandoah to Monday (23rd) morning lows of 20 degrees at Sioux City, Harlan, Rockwell City and Boone. Temperatures for the week as a whole averaged 6.3 degrees below normal.



Statewide Grain Storage Availability
as of October 22, 2006

Item	Short	Adequate	Surplus
	Percent	Percent	Percent
On-farm, grain storage	26	71	3
Off-farm, grain storage	22	75	3

Statewide Crop Conditions as of October 22, 2006

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	5	20	50	23
Range & Pasture	3	13	35	42	7

Statewide Harvesting Conditions
as of October 22, 2006

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	58	23	14	5
Corn ear droppage	74	17	7	2
Soybeans lodging	80	17	3	0
Soybeans shattering	79	18	3	0

State Post-Harvest Conditions
as of October 22, 2006

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Grain movement	18	26	35	21
Grazing on stubble fields	52	31	14	3

Statewide Hay/Roughage Availability
as of October 22, 2006

Item	Short	Adequate	Surplus
	Percent	Percent	Percent
Hay/Roughage	9	79	12

Field Work and Crop Progress as of October 22, 2006

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent				
Corn harvested (grain or seed)	45	56	46	47	51	46	38	32	66	48	31	57	49
Soybeans harvested	99	98	96	87	97	91	68	79	92	91	87	96	91

Days Suitable & Soil Moisture Condition as of October 22, 2006

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	4.6	3.6	4.0	3.4	3.5	3.4	3.1	2.7	3.5	3.6	5.8	5.9
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	3	1	0	0	0	0	1	6	10	2	7	22
Short	21	7	14	6	7	4	17	21	40	15	21	29
Adequate	76	78	79	87	79	94	76	59	48	76	69	46
Surplus	0	14	7	7	14	2	6	14	2	7	3	3
Subsoil moisture												
Very short	4	1	2	1	1	6	3	13	30	6	7	28
Short	20	23	19	19	12	36	23	36	48	25	25	29
Adequate	75	68	77	77	79	58	71	49	21	66	65	39
Surplus	1	8	2	3	8	0	3	2	1	3	3	4

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, October 22, 2006										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
	North West District									
Estherville	60	26	44	-3	0.22	-0.20	20.56	-1.65	9	-5
Sioux Center	65	24	45	-6	0.46	0.04	20.82	-0.83	11	-12
Spencer	63	24	44	-5	0.08	-0.35	18.08	-5.00	11	-6
Spirit Lake	59	28	41	-7	0.09	-0.29	18.91	-2.92	5	-29
North Central District										
Britt	57	24	42	-10	0.35	-0.07	20.44	-3.65	1	-25
Humboldt	59	28	44	-7	0.77	0.32	19.75	-4.98	4	-13
Mason City	59	26	44	-5	0.69	0.19	26.41	0.79	5	-14
Osage	60	27	41	-8	0.80	0.28	24.48	-1.90	0	-25
North East District										
Decorah	57	27	43	-8	0.76	0.30	24.57	-0.56	2	-21
Dubuque	57	26	45	-6	1.31	0.75	28.10	0.60	2	-20
Elkader	59	23	43	-7	1.04	0.52	24.26	-0.66	4	-27
Fayette	58	29	42	-7	0.75	0.19	28.04	1.85	0	-21
Waterloo	61	30	44	-5	0.98	0.42	24.29	-1.48	4	-15
West Central District										
Carroll	58	26	44	-7	1.11	0.61	25.51	-0.54	4	-17
Castana	59	25	43	-10	0.66	0.16	20.98	-2.61	7	-17
Guthrie Center	60	25	44	-7	1.38	0.83	31.74	5.79	4	-19
Harlan	58	26	43	-8	0.93	0.42	26.56	0.68	4	-19
Jefferson	60	28	44	-6	0.95	0.45	30.42	4.37	5	-16
Logan	58	26	44	-8	0.77	0.25	30.43	6.02	5	-19
Rockwell City	60	25	43	-8	0.91	0.42	22.23	-2.99	4	-21
Sac City	62	26	44	-6	0.72	0.23	18.25	-6.58	6	-12
Sioux City	65	24	45	-6	0.53	0.12	21.08	0.75	16	-8
Central District										
Boone	60	26	43	-8	1.41	0.85	32.11	5.64	3	-22
Des Moines	63	30	47	-7	0.72	0.16	22.86	-2.09	12	-22
Grundy Center	61	29	44	-6	0.82	0.26	26.89	1.46	3	-18
Marshalltown	61	28	45	-6	0.66	0.12	26.17	-0.33	4	-19
Newton	62	29	44	-8	0.71	0.14	23.78	-1.96	4	-27
Perry	61	28	44	-7	1.20	0.68	30.24	5.18	5	-19
Toledo	60	28	43	-7	0.93	0.41	21.27	-5.39	2	-22
East Central District										
Cedar Rapids	59	29	45	-7	1.27	0.79	19.97	-5.25	2	-24
Davenport	60	28	48	-6	1.71	1.14	22.69	-2.03	9	-25
Iowa City	60	30	47	-8	1.23	0.63	20.28	-7.31	7	-30
Lowden	61	27	45	-6	1.42	0.86	23.99	-3.93	5	-22
Maquoketa	59	27	44	-6	1.27	0.78	32.40	6.78	4	-19
Muscatine	62	32	48	-6	1.48	0.88	27.25	1.19	12	-11
South West District										
Atlantic	59	28	43	-7	0.88	0.36	31.37	6.86	6	-17
Clarinda	62	28	44	-8	1.53	0.95	26.50	-2.06	3	-24
Glenwood	62	25	44	-9	0.50	-0.02	23.78	-2.06	5	-29
Red Oak	64	27	45	-8	1.09	0.60	23.70	-4.29	7	-25
Sidney	65	29	44	-10	0.55	-0.04	24.19	-2.61	4	-32
South Central District										
Allerton	59	28	45	-8	1.91	1.26	24.17	-3.35	2	-13
Beaconsfield	60	26	44	-9	1.35	0.75	27.47	1.01	4	-27
Chariton	61	27	44	-9	1.67	1.08	25.54	-2.56	5	-27
Indianola	63	27	45	-8	0.83	0.22	24.96	-1.05	7	-24
Leon	61	27	45	-7	1.28	0.64	23.75	-3.62	7	-25
South East District										
Bloomfield	62	30	46	-8	1.29	0.65	21.32	-6.48	8	-30
Burlington	64	33	50	-4	1.39	0.76	16.59	-9.18	17	-17
Ottumwa	61	29	47	-7	1.83	1.27	21.07	-4.57	10	-24
Washington	61	31	46	-9	1.72	1.15	23.25	-1.85	7	-17

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2006: AWIS, Inc. All Rights Reserved.